

**University of Virginia**  
**Charles L. Brown Department of Electrical and Computer Engineering**

**ECE 6332: VLSI Design**  
**Design Review 2 Description**

Fall 2009

Issued: 10/20/09  
Design Review 2 Due: 11/05/09

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(Goals 1, 2, 3, 4, 5, 6, and 7)

**Description**

The second design review focuses on progress that your group has made towards completing your project while there is still time to adjust your directions and approach. In the design review, you will present your research, design, and simulation results.

**Research**

Now that you have made progress with your own design and simulations, you are more aware of what to look for in the literature. Investigate additional publications related to your project or for comparison with your project.

**Design**

How have you begun the design component of your project? Describe the progress you have made and how it fits into the larger design goals of the project.

**Simulation**

You should perform a **significant amount of simulation** before the design review – you are over halfway to being done in terms of time, so you should be over halfway to being done!

**What to turn in**

1. Summaries (e.g. 1-2 short paragraphs each) of 2 or more publications beyond those from the proposal.
2. Printouts of simulation results and corresponding schematics – the goal here is to convince me that you have done a **significant** amount of investigation toward your project goals. (“significant” is the key word)
3. A 1-2 page report describing your group’s progress and remaining tasks. What challenges have you faced? What questions do you have about how to proceed? To what extent have you maintained the timeline goals from your proposal?

**Notes:**

**Get started early!** Feel free to discuss your ideas with Prof. Calhoun at any time.

I will take off points for any figures/plots/etc. that are not **readable and clear!**